

<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)	ATTY DOCKET NO. <b>JPP-1230CIP3A</b>	SERIAL NO. <b>10/633610</b>
	KARMAKER ET AL.	
	FILING <b>08/01/2003</b>	GROUP <b>3730</b>

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ced	3,066,112	11-27-1962	Bowen			
	3,179,623	04-20-1965	Bowen			
	3,194,784	07-13-1965	Bowen			
	3,751,399	08-07-1973	Lee, Jr. et al			
	3,926,906	12-16-1975	Lee, II et al.			
	4,544,359	10-01-1985	Waknine			
	4,547,531	10-15-1985	Waknine			
	4,717,341	01-05-1988	Goldberg et al.			
	4,894,012	01-16-1990	Goldberg et al.			
✓	5,276,068	01-04-1994	Waknine			
ced	5,564,929	10-15-1996	Alpert			

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO
ced	WO 98/11842	03-26-98	PCT			
ced	2 730 627	08-23-96	France			✓
ced	1.180.326	07-30-1957	France			✓
ced	2 616 653	06-18-1987	France			✓
ced	557.756	05-09-1923	France			✓

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

ced		PCT International Search Report, August 17, 2000
ced		International Preliminary Examination Report, October 4, 2001

EXAMINER <i>Cary E. Connor</i>	DATE CONSIDERED <b>3-17-05</b>
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>ced</i>		5,919,044	07-06-1999	Sicurelli, Jr. et al.			
		6,030,220	02-29-2000	Karmaker et al.			
		6,039,569	03-21-2000	Prasad et al.			
		6,428,319	08-06-2002	Lopez et al.			
		6,447,297	09-10-2002	Lopez et al.			
		3,919,774	11-18-1975	Fishman			
		5,074,792	12-24-1991	Bernadat			
		5,595,486	11-23-1999	Manocha			
		5,989,032	11-23-1999	Reynaud et al.			
<i>V</i>		6,028,125	02-22-2000	Combe et al.			
<i>ced</i>		3,813,779	06-04-1974	Tosti			
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
<i>ced</i>		1 412 077	10-29-1975	UK			
<i>ced</i>		2 669 211	05-22-1992	France			
<i>ced</i>		DE 34 08 503 A1	09-27-1984	Germany			✓
<i>ced</i>		DE 35 04 472 A1	07-24-1986	Germany			✓
<i>ced</i>		DE 35 12 938 A1	10-16-1986	Germany			
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
<i>ced</i>		DENTSPLY PRODUCT INFORMATION "DENSFIL" ( <a href="http://www.mallefer.com/html/obturation.html">http://www.mallefer.com/html/obturation.html</a> ). May 2001.					
<i>ced</i>		DENTSPLY PRODUCT INFORMATION "THERMASYSTEM PLUS OBTURATION SYSTEM" ( <a href="http://www.xray.essix.com/endodontics/endomaln.html">http://www.xray.essix.com/endodontics/endomaln.html</a> ). May 2001.					
EXAMINER <i>Carly E Connor</i>				DATE CONSIDERED <b>3-17-05</b>			

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
CED	4,936,776	06-26-1990	Kwiatkowski				
	5,067,900	11-26-1991	McSpadden				
	5,073,112	12-17-1991	Weil				
	5,083,923	01-28-1992	McSpadden				
	5,104,321	04-14-1992	Filhol				
	5,752,825	05-19-1998	Buchanan				
	5,833,457	11-10-1998	Johnson				
	5,833,464	11-10-1998	Foser				
	6,254,392	07-03-2001	Mannschedel et al.				
	Re. 35,070	10-24-1995	Fitzmorris				
↓							
CED	5,409,378	04-25-1995	Pohl				

  

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
						YES	NO	
CED	DE 35 13 864 A1	10-30-1986	Germany					
CED	DE 38 39 466 C2	06-22-1989	Germany					
CED	DE 41 03 355 A1	06-08-1992	Germany					
CED	WO 93/19687	10-14-1993	PCT					

  

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
CED			<b>SOFTCORE DENTAL PRODUCTS PRODUCT INFORMATION "SOFTCORE"</b> <a href="http://www.variodent.at/grossha/022000/soft-core.htm">http://www.variodent.at/grossha/022000/soft-core.htm</a> . May 2001.

  

EXAMINER <i>Cary ED Connick</i>	DATE CONSIDERED <b>3-17-05</b>
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CD	5,588,835	12-31-1996	Kert			
	5,803,736	09-008-1998	Merritt, Jr.			
	5,833,464	11-10-1998	Foser			
	5,882,196	03-16-1999	Kert			
	5,948,129	09-07-1999	Nonami et al.			
	5,181,850	01-26-1993	Neumeyer			
	5,382,161	01-17-1995	Roane			
	6,010,335	01-04-2000	Kert			
	6,012,924	01-11-2000	Reynaud et al.			
✓	6,024,565	02-15-2000	Scurelli et al.			
CD	6,183,253	02-06-2001	Billet et al.			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


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<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>CD</i>		277,943	05-22-1883	Richmond			
<i> </i>		674,419	05-21-1901	Kinsman			
<i> </i>		1,463,963	08-07-1923	Miller			
<i> </i>		1,469,992	10-09-1923	Card			
<i> </i>		1,641,844	09-06-1927	Fisher			
<i> </i>		1,649,508	11-15-1927	Carmichael			
<i> </i>		3,504,438	04-07-1970	Wittman et al.			
<i> </i>		3,318,000	05-09-1967	Paris			
<i> </i>		3,740,851	06-26-1973	Weissman			
<i>✓</i>		3,855,702	12-24-1974	Malmin			
<i>CD</i>		3,899,830	08-19-1975	Malmin			
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
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<i>Cary E O'Connor</i>				<i>3-17-05</i>			
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<i>CD</i>		3,919,774	11-18-1975	Fishman			
		3,949,479	04-13-1976	Malmin			
		3,968,567	07-13-1976	Nevins			
		4,050,156	09-27-1977	Chasanoff et al.			
		4,253,829	03-03-1981	Adelberger			
		4,253,835	03-03-1981	Ware			
		4,343,608	08-10-1982	Hodosh			
		4,407,675	10-04-1983	Hodosh			
		4,480,996	11-06-1984	Crovatto			
<i>V</i>		4,480,998	11-06-1984	Carse			
<i>CB</i>		4,505,675	03-19-1985	Albert			
<b>FOREIGN PATENT DOCUMENTS</b>							
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<i>Cory E D Connor</i>				<i>3-16-05</i>			
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COO	4,525,147	01-25-1985	Pitz			
	4,543,065	09-24-1985	Bushway			
	4,622,012	11-11-1986	Smoler			
	4,657,592	04-14-1987	Takubo			
	4,681,545	07-21-1987	Lapcevic			
	4,684,555	08-04-1987	Neumeyer			
	4,738,616	04-19-1988	Reynaud			
	4,758,156	07-19-1988	Johnson			
	4,766,200	08-23-1988	Riazi			
✓	4,813,876	03-21-1989	Wang			
COO	4,894,011	01-16-1990	Johnson			

**FOREIGN PATENT DOCUMENTS**

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						YES	NO

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
Ced	4,931,096	06-05-1990	Fujisawa et al.				
	4,952,150	08-28-1990	Schiwiora et al.				
	5,051,093	09-24-1991	Fitzmorris				
	5,064,373	11-12-1991	Staubli et al.				
	5,085,586	02-04-1992	Johnson				
	5,088,183	02-18-1992	Lee				
	5,089,183	02-18-1992	Johnson				
	5,092,773	03-03-1992	Levy				
	5,098,298	03-24-1992	Johnson				
	5,118,297	06-02-1992	Johnson				
V Ced	5,165,893	11-24-1992	Thompson				

  

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
						YES	NO	

  

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<b>U.S. PATENT DOCUMENTS</b>							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>COO</i>		5,171,146	12-15-1992	Guerci			
		5,181,850	01-26-1993	Neumeyer			
		5,215,461	06-01-1993	Rhazi			
		5,232,440	08-03-1993	Wilk			
		5,275,562	01-04-1994	McSpadden			
		5,286,193	02-15-1994	Roane			
		5,286,423	02-15-1994	Johnson			
		5,326,263	07-05-1994	Weissman			
		5,328,367	07-12-1994	Johnson			
<i>✓</i>		5,328,372	07-12-1994	Reynaud et al.			
<i>COO</i>		5,372,759	12-13-1994	Johnson			
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